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OCT 13 2005

PATENT APPLICATION
Docket No.: 14321.60

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Takayuki Mizuno, et al.

Serial No.:

10/727,171

) Art Unit

) 2874

Filed:

December 3, 2003

Confirmation No.:

5976

For:

OPTICAL MULTI/DEMULTIPLEXING
CIRCUIT EQUIPPED WITH PHASE
GENERATING DEVICE

Examiner:

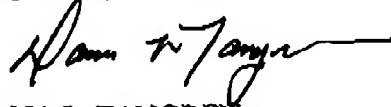
James D. Stein

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that the following documents are being facsimile transmitted to United States Patent and Trademark Office at Fax No. 571.273.8300, on the 13th day of October 2005.

- Transmittal Letter for Amendment "A" and Response (3 pages)
- Amendment "A" and Response (28 pages)
- Form PTO-2038 submitting Credit Card Payment in the amount of \$120

Respectfully submitted,

DANA L. TANGREN
Attorney for Applicant
Registration No. 37,246
Customer No. 022913
Telephone No. 801.533.9800**RECEIVED
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James D. Stein

TRANSMITTAL FOR AMENDMENT "A" AND RESPONSE

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment "A" and Response for entry in the above-identified application.

— Small entity status of this application is claimed under 37 C.F.R. § 1.9 and § 1.27.

— To secure the approval of the Examiner for proposed amendments to the drawings, enclosed are the following:

— Letter to the Official Draftsperson;

R. PARRISH FREEMAN, JR.
PETER F. MALEN, JR.
L. REX SEARS, PH.D.
WILLIAM R. RUCHTER
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VERNON R. RICE §
OF COUNSEL

* Admitted only in California
§ Admitted only in Virginia

October 13, 2005
Page 2

___ Set of _____ () sheets of drawings containing Figures _____ including the proposed amendments therein; and

___ A duplicate set of the _____ () sheets of drawings with the changes therein highlighted in red.

X To render the transmitted Amendment "A" and Response timely filed enclosed is the following:

X a Petition for a One-Month Extension of Time; and

X a Form PTO-2038 submitting Credit Card Payment in the amount of \$120.00.

X A Certificate of Facsimile Under 37 C.F.R. § 1.10.

X No other additional fee is required.

The fee has been calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
CLAIMS REMAINING AFTER	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'T'L FEE	RATE	ADD'T'L FEE
TOTAL 56	MINUS 56	= 0	X	0	X	
INDEPENDENT 55	MINUS 3	= 0	X		X 200.00	
1 st PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+ _____ =		+ _____ =	
			TOTAL		TOTAL	

___ Form PTO-2038 submitting Credit Card Payment in the amount of \$_____ is enclosed to cover the claim amendments.

___ Please charge my Deposit Account No. 23-3178 in the amount of _____.

X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.

X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

X Any patent application processing fees under 37 CFR 1.17.

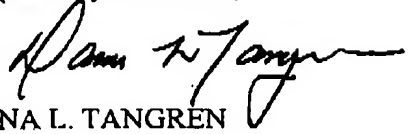
___ A duplicate copy of this transmittal letter is attached.

October 13, 2005

Page 3

Dated this 13th day of October 2005.

Respectfully submitted,



DANA L. TANGREN
Attorney for Applicants
Registration No. 37,246
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Examiner:	James D. Stein)

AMENDMENT "A" AND RESPONSE

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

In response to the Office action of June 17, 2005, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 5 of this paper.

Remarks/Arguments begin on page 20 of this paper.